

The following were collected by Hesselman. Donated by G. Naumann, Institut fur Obstbau und Gemusebau, der Universitat Bonn, Auf dem Hugel 6, 5300 Bonn, Germany. Received 03/11/1987.

PI 589564. *Malus domestica* Borkh.

Kaiser Wilhelm. Collected 1800 in Germany. Witzhelden, Kreis Solingen, Germany. Pedigree - Possibly Harberts Reinette x In distribution since mid 1800's. Comments:: Size medium to large 61-76; 50-65 mm; shape intermediate, conic, convex, ribbed at eye and on body; skin pale yellow, shaded deeper yellow often much flushed crimson with darker stripes, russet in cavity and on base; flesh fine, crisp to tender, yellowish white; flavor subacid, sweet, spicy; season late to very late.

The following were developed by C. Burchhardt. Donated by G. Naumann, Institut fur Obstbau und Gemusebau, der Universitat Bonn, Auf dem Hugel 6, 5300 Bonn, Germany. Received 03/11/1987.

PI 589565. *Malus domestica* Borkh.

Landsberger Reinette. Pedigree - Raised circa 1840; first fruit 1852. Comments:: Size medium to large 64-80; 57-65 mm; shape intermediate, rectangular to truncate-conic, convex, ribbed on body and at eye; skin yellow, flushed orange, russet dots, russet in cavity; flesh fine, tender, whitish; flavor subacid, refreshing, sweet, perfumed; season mid to very late (Oct. to Dec.) Tree: moderately vigorous, spreading, produces spurs very freely. Pleasant dessert apple, primarily garden variety. Additional LIT.CIT. 1992-93 H. Apple. Tsolum River Fruit Trees Catalogue. p. 23.

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PI 589566. *Malus domestica* Borkh.

Baumann's Reinette. Pedigree - Probably raised in Belgium by Van Mons; recorded 1911. Comments:: Medium size, approx. 64 mm; flat rectangular, convex, slightly ribbed at the eye, ribbed on body, base to apex; skin yellow, almost entirely flushed and striped crimson, some russet; flesh hard, coarse white; flavor acid, slightly aromatic; season very late. Tree: moderately vigorous, upright-spreading. Produces spurs very freely. Attractive exhibition and garden variety.

PI 589567. *Malus domestica* Borkh.

Schneiderapfel.

PI 589568. *Malus domestica* Borkh.

Kardinal Bea.

The following were developed by D., Jr. Uhlhorn. Donated by G. Naumann, Institut fur Obstbau und Gemusebau, der Universitat Bonn, Auf dem Hugel 6, 5300 Bonn, Germany. Received 03/11/1987.

PI 589569. *Malus domestica* Borkh.

Zuccalmaglio. Pedigree - Ananas Reinette x Purpurroter Agatapfel Raised 1878. Comments:: Size medium 65:53-71 mm; shape variable, tall to flat rectangular to truncate-conic, convex, sometimes almost straight strongly ribbed at eye, slightly ribbed on body; skin yellowish green with dull brownish red flush and faint stripes, russet dots, streaks and patches, slightly rough, sticky; flesh fine, firm, rather dry, yellowish white; flavor sweet subacid; season mid.